What is claimed is:

## **Claims**

1. A method comprising the steps of:

obtaining a measured fluid pressure near a filter in an internal combustion engine;

determining a predetermined value based on at least one engine operating parameter; and

comparing the measured fluid pressure to the predetermined value, yielding a compared pressure;

when the compared pressure exceeds an established value, indicating that a potential fluid problem is present.

- 2. The method of claim 1, wherein the at least one engine operating parameter includes engine speed.
- 3. The method of claim 1, wherein the at least one engine operating parameter includes engine load.
- 4. The method of claim 1, wherein the at least one engine operating parameter includes fluid temperature.
- 5. The method of claim 1, wherein the measured fluid pressure occurs near an outlet of the filter.
- 6. The method of claim 1, wherein the measured fluid pressure occurs near an inlet of the filter.

## 7. A method comprising the steps of:

obtaining a measured fluid pressure near a filter in an internal combustion engine;

determining a predetermined value that is a function of at least one engine operating parameter;

determining a difference between the predetermined value and the measured fluid pressure; and

determining whether to indicate a warning condition based on the difference.

- 8. The method of claim 7, wherein the measured fluid pressure is occurs near an outlet of the filter.
- 9. The method of claim 7, wherein the measured fluid pressure occurs near an inlet of the filter.
- 10. The method of claim 7, wherein the at least one engine operating parameter includes at least one of engine speed, engine load, and fluid temperature.
- 11. The method of claim 7, further comprising the steps of comparing the difference to at least one predetermined value, and activating at least one timer based on the difference.
- 12. The method of claim 7, further comprising the step of indicating the warning condition.
- 13. The method of claim 7, further comprising the step of transmitting the warning condition to a remote location.

## 14. An apparatus comprising:

a pressure sensor arranged and constructed to measure a pressure of a fluid near a filter for the fluid of an internal combustion engine, yielding a measured fluid pressure; and

an engine control module arranged and constructed to determine a predetermined value based on at least one engine operating parameter and to compare the predetermined value to the measured fluid pressure.

- 15. The apparatus of claim 14, wherein the pressure sensor is located in the fluid near a discharge of the filter.
- 16. The apparatus of claim 14, wherein the pressure sensor is located in the fluid near an inlet of the filter.
- 17. The apparatus of claim 14, wherein the at least one engine operating parameter includes at least one of engine speed, engine load, and fluid temperature.